AMENDMENTS TO THE CLAIMS
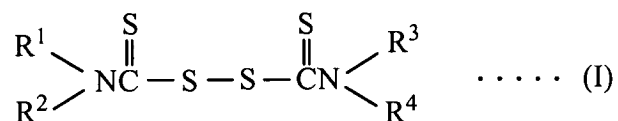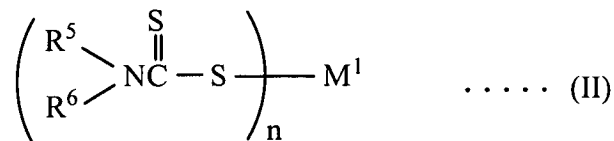
This listing of claims will replace all prior versions and listings of claims in the application:
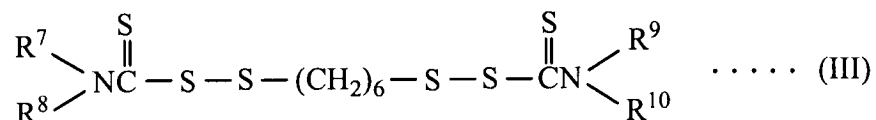
LISTING OF CLAIMS:

1. (currently amended): A high performance pneumatic tire comprising a tread ~~formed by using~~ made from a rubber composition comprising (1) a rubber component comprising ~~at least one rubber selected from the group consisting of polybutadiene rubber and~~ a styrene-butadiene copolymer rubber having a content of vinyl bond of not less than 30% and a bound styrene content of more than 30 mass% but not more than 60 mass%; (2) at least one compound selected from the group consisting of a compound represented by the following formula (I), a compound represented by the following formula (II), a compound represented by the following formula (III) and a compound represented by the following formula (IV); and (3) an organic thiosulfate compound represented by the following formula (V):
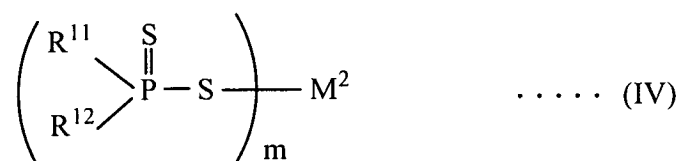
$$\begin{matrix} R^1 \\ \\ R^2 \end{matrix} \hspace{-6pt} > \hspace{-4pt} N\overset{\overset{\displaystyle S}{\|}}{C}-S-S-\overset{\overset{\displaystyle S}{\|}}{C}N \hspace{-4pt} < \hspace{-6pt} \begin{matrix} R^3 \\ \\ R^4 \end{matrix} \hspace{20pt} \cdots\cdots \hspace{6pt} (I)$$

wherein R^1, R^2, R^3 and R^4 are independently a straight or branched alkyl group having a carbon number of 3-12 or an aralkyl group having a carbon number of 7-12;

$$\left(\begin{matrix} R^5 \\ \\ R^6 \end{matrix} \hspace{-6pt} > \hspace{-4pt} N\overset{\overset{\displaystyle S}{\|}}{C}-S \right)_{n} \hspace{-4pt} -M^1 \hspace{20pt} \cdots\cdots \hspace{6pt} (II)$$

AMENDMENT UNDER 37 C.F.R. § 1.116   Atty. Docket No.: Q79731
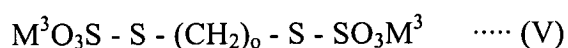
U.S. Appln. No.: 10/771,396

wherein R^5 and R^6 are independently a straight or branched alkyl group having a carbon number

of 7-12 or an aralkyl group having a carbon number of 7-12, and M^1 is a bivalent or polyvalent

metal and n is a number equal to an atomic valence of M^1;

$$\begin{array}{c} R^7 \\ \diagdown \\ R^8 \diagup \end{array} \!\! N\overset{\overset{\displaystyle S}{\|}}{C} - S - S - (CH_2)_6 - S - S - \overset{\overset{\displaystyle S}{\|}}{C}N \!\! \begin{array}{c} \diagup R^9 \\ \\ \diagdown R^{10} \end{array} \quad \cdots \cdots \text{(III)}$$

wherein R^7, R^8, R^9 and R^{10} are independently a straight or branched alkyl group having a carbon

number of 3-12 or an aralkyl group having a carbon number of 7-12;

$$\left(\begin{array}{c} R^{11} \\ \diagdown \\ R^{12} \diagup \end{array} \!\! \overset{\overset{\displaystyle S}{\|}}{P} - S \!\! \underset{\displaystyle m}{\diagup} \right) \!\! M^2 \quad \cdots \cdots \text{(IV)}$$

wherein R^{11} and R^{12} are independently a straight or branched alkyl group having a carbon

number of 1-18 or a cycloalkyl group having a carbon number of 5-12, and M^2 is zinc, copper or

iron and m is a number equal to an atomic valence of M^2;

$$M^3O_3S - S - (CH_2)_o - S - SO_3M^3 \quad \cdots \cdots \text{(V)}$$

wherein o is a number of 3-10 and M^3 is one equivalent weight of lithium, potassium, sodium,

magnesium, calcium, barium, zinc, nickel or cobalt, provided that the compound may contain

crystal water.

2. (previously presented): A high performance pneumatic tire according to claim 1,

wherein R^1, R^2, R^3 and R^4 in the formula (I) are independently a straight or branched alkyl group

having a carbon number of 8-12.

3. (previously presented): A high performance pneumatic tire according to claim 2, wherein each of R^1, R^2, R^3 and R^4 is 2-ethylhexyl group.

4. (previously presented): A high performance pneumatic tire according to claim 1, wherein R^{11} and R^{12} in the formula (IV) are independently a straight or branched alkyl group having a carbon number of 2-8.

5. (previously presented): A high performance pneumatic tire according to claim 4, wherein each of R^{11} and R^{12} is isopropyl group or n-butyl group.

6. (canceled).

7. (previously presented): A high performance pneumatic tire according to claim 1, wherein a content of the styrene-butadiene copolymer rubber in the rubber component is 50-100 mass%.

8. (previously presented): A high performance pneumatic tire according to claim 1, wherein the organic thiosulfate compound represented by the formula (V) is sodium 1,6-hexamethylene dithiosulfate dihydrate.

9. (previously presented): A high performance pneumatic tire according to claim 1,

wherein an amount in total of the compound of the formula (I), the compound of the formula (II)

and the compound of the formula (III) is 0.5-10 parts by mass based on 100 parts by mass of the

rubber component.

10. (previously presented): A high performance pneumatic tire according to claim 9,

wherein an amount of the compound of the formula (I) is 0.5-10 parts by mass based on

100 parts by mass of the rubber component.

11. (previously presented): A high performance pneumatic tire according to claim 1,

wherein an amount of the compound of the formula (IV) is 0.1-5 parts by mass based on

100 parts by mass of the rubber component.

12. (previously presented): A high performance pneumatic tire according to claim 1,

wherein an amount of the compound of the formula (V) is 1-10 parts by mass based on 100 parts

by mass of the rubber component.

13. (canceled).